

FIG. 1
(Prior Art)

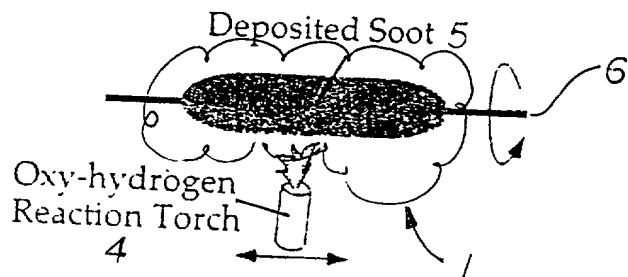


FIG. 2
(Prior Art)

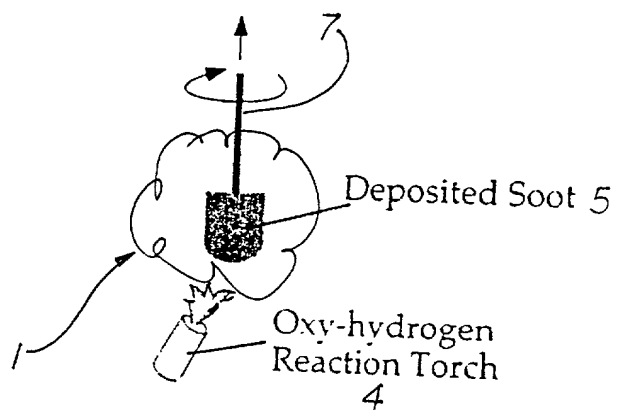


FIG. 3
(Prior Art)

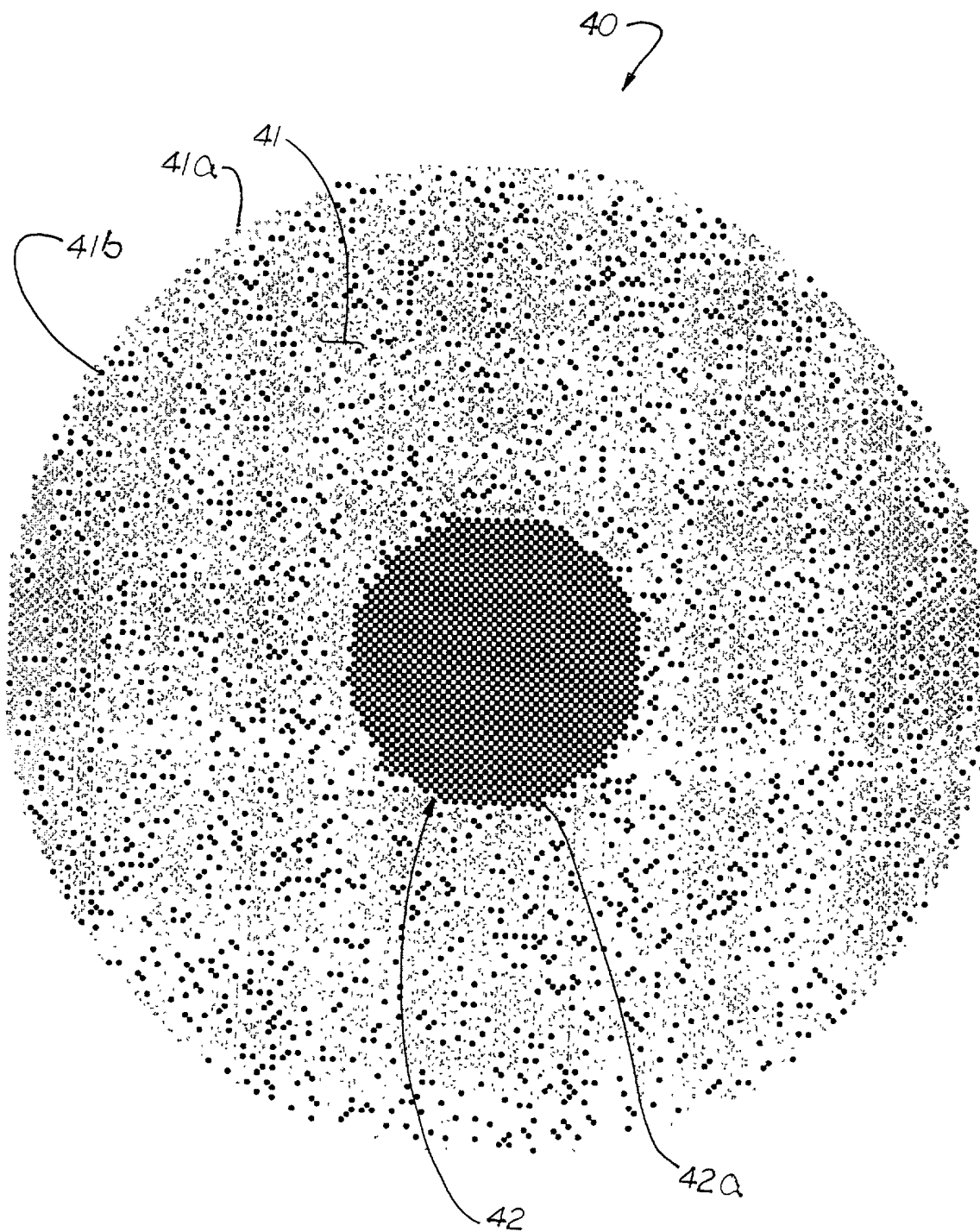


FIG. 4

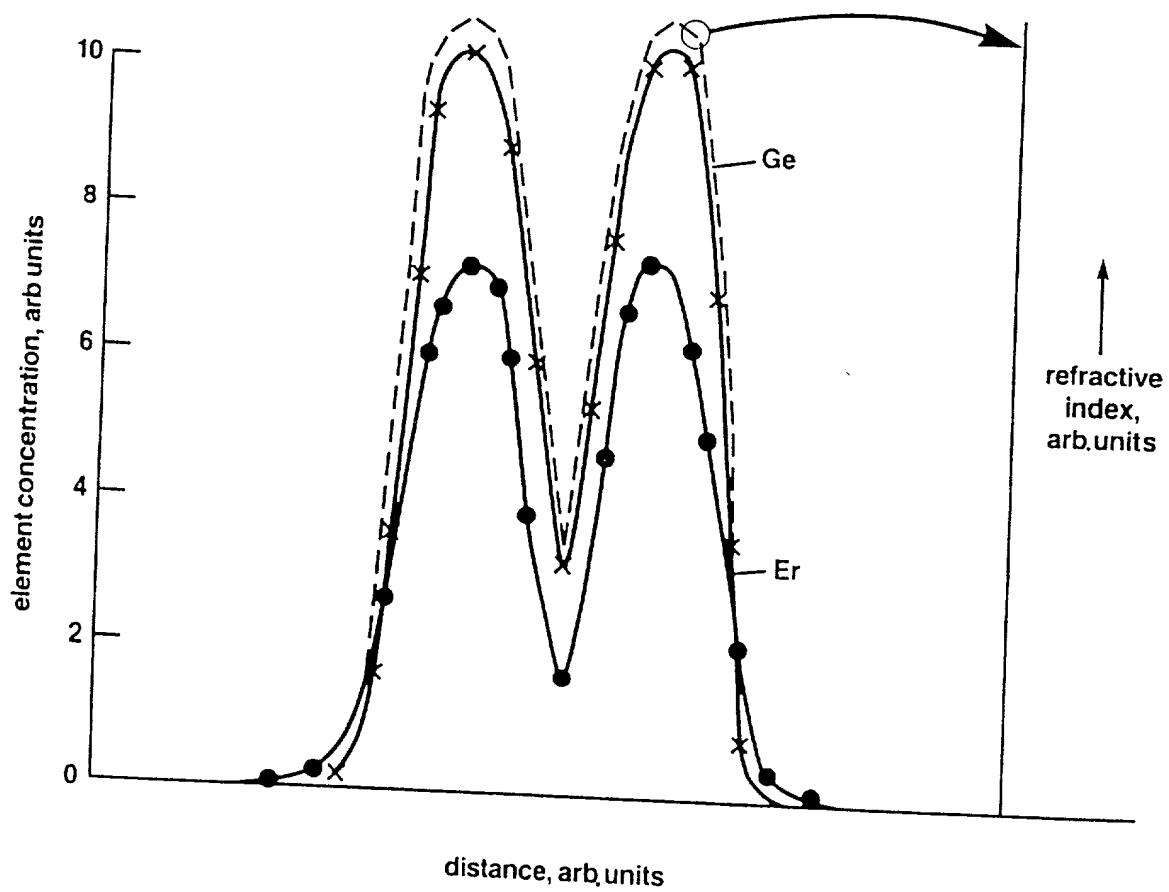
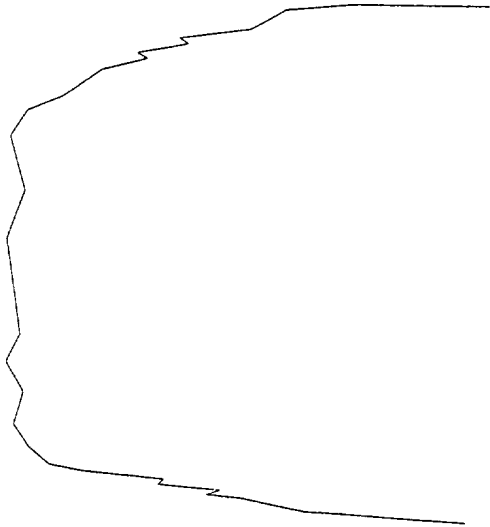
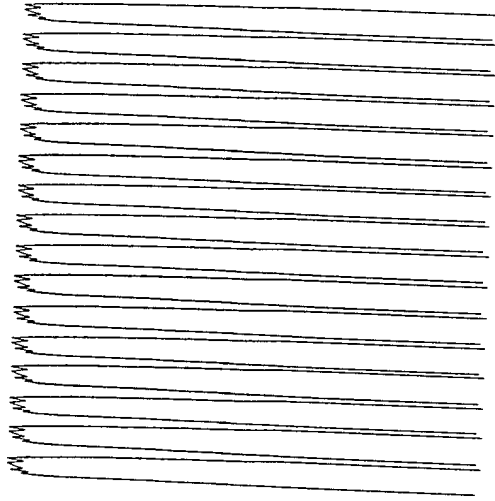


FIG. 5



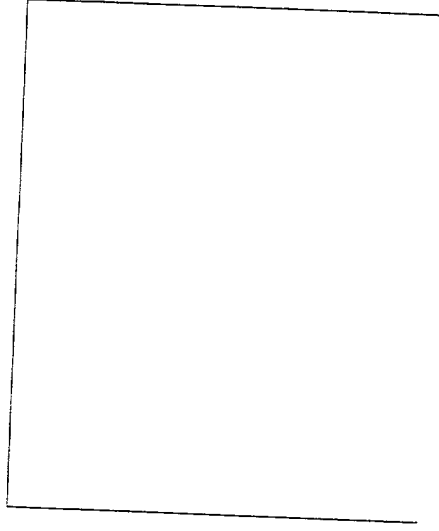
Index (or dopant) profile of core or cladding rod that has suffered the effects of burnout.

FIG. 6A



Index (or dopant) profile of a group of such rods bundled together.

FIG. 6B



Effective index (or dopant) profile seen by mode field in fiber fabricated from such a preform bundle.

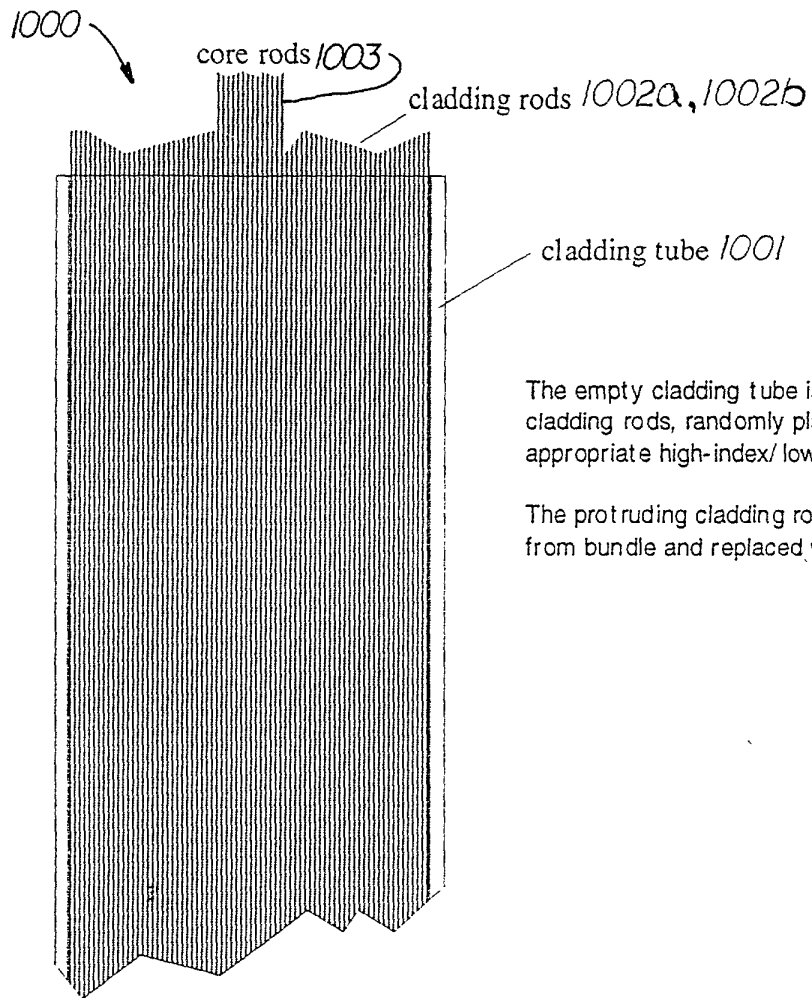
FIG. 6C

A circular halftone pattern, likely a decorative element or a placeholder for a logo. It features a dense, textured appearance with a central cross-like structure formed by a grid of dots. The pattern is composed of numerous small dots of varying sizes and densities, creating a grayscale effect. The overall shape is a circle, and the central cross is formed by a grid of dots that is denser than the surrounding area.

FIG. 7

A circular halftone pattern composed of black dots of varying density on a white background. The pattern is centered around a cross-like shape formed by a denser grid of dots. The density of the dots decreases as they move away from the center, creating a radial gradient effect. The overall shape is a circle with a slightly irregular, hand-drawn appearance.

FIG. 9



The empty cladding tube is packed full of cladding rods, randomly placed and in appropriate high-index/ low-index ratio.

The protruding cladding rods are pulled from bundle and replaced with core rods.

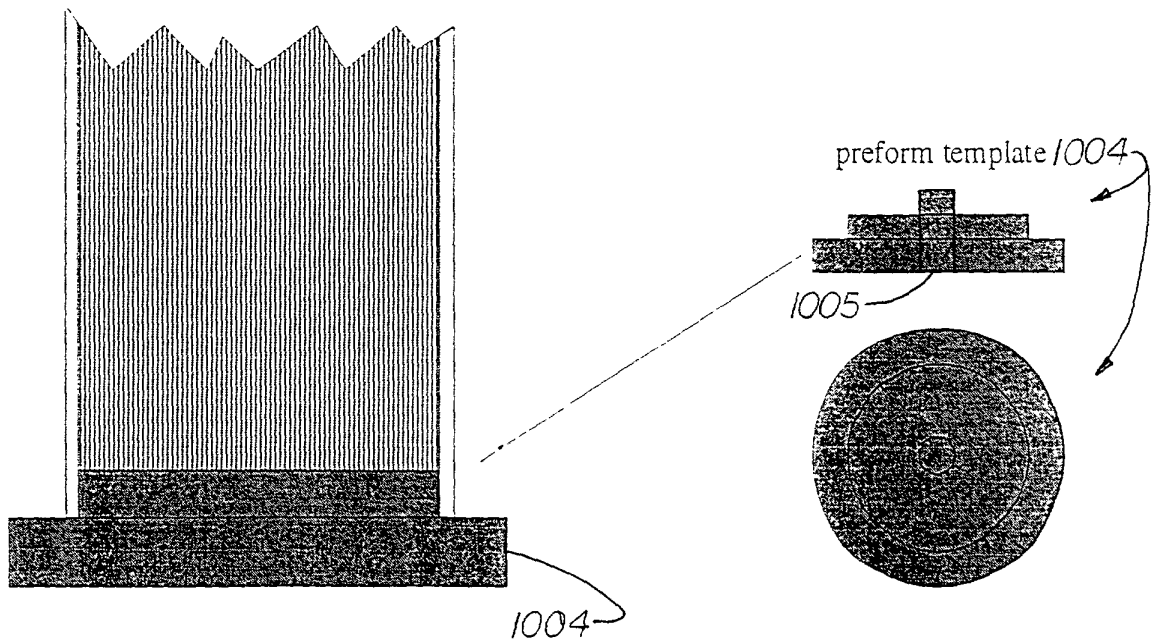


FIG. 10

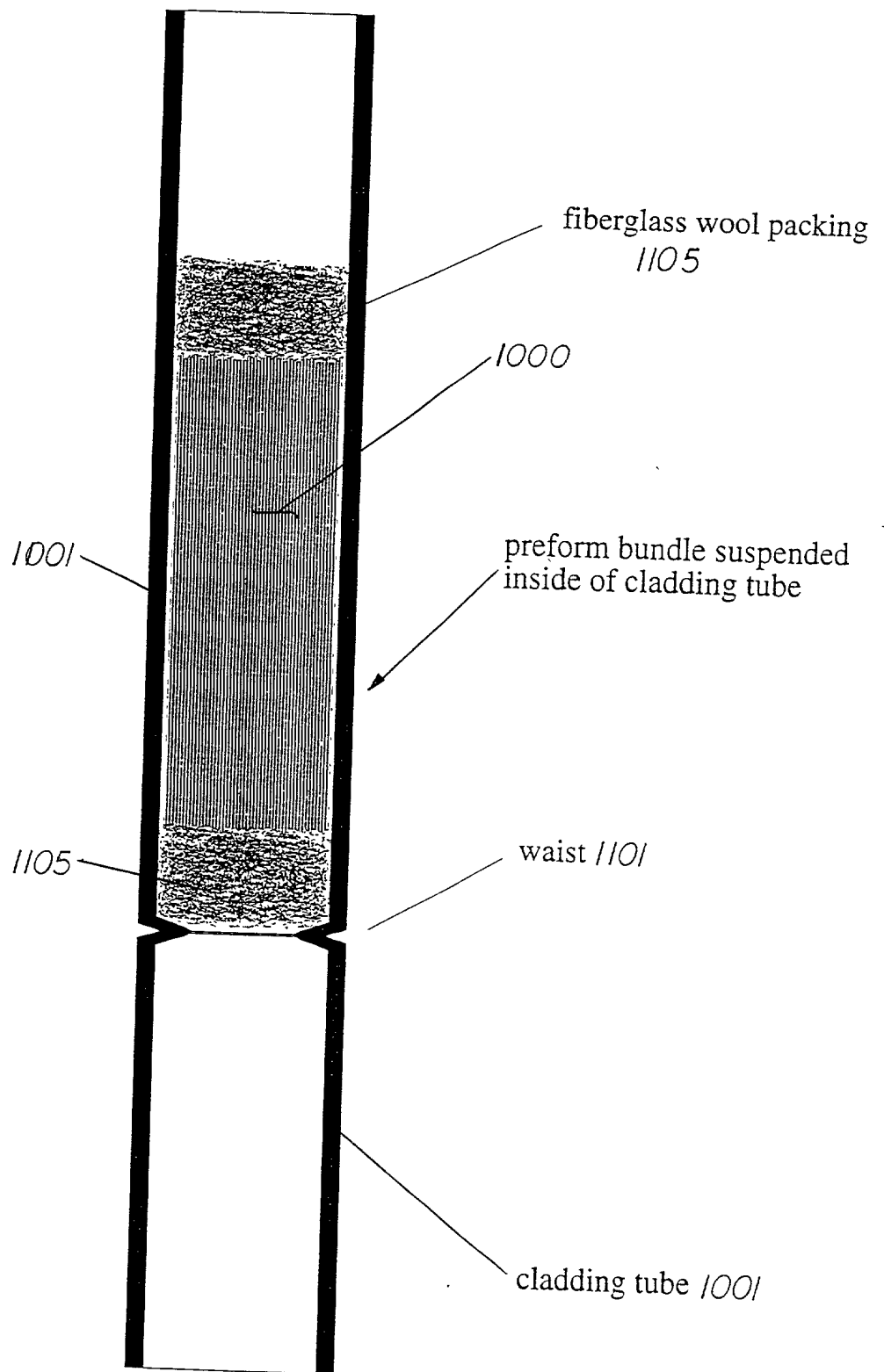


FIG. 11

-fiberglass wool packing
1105

1200

inside of ampule evacuated

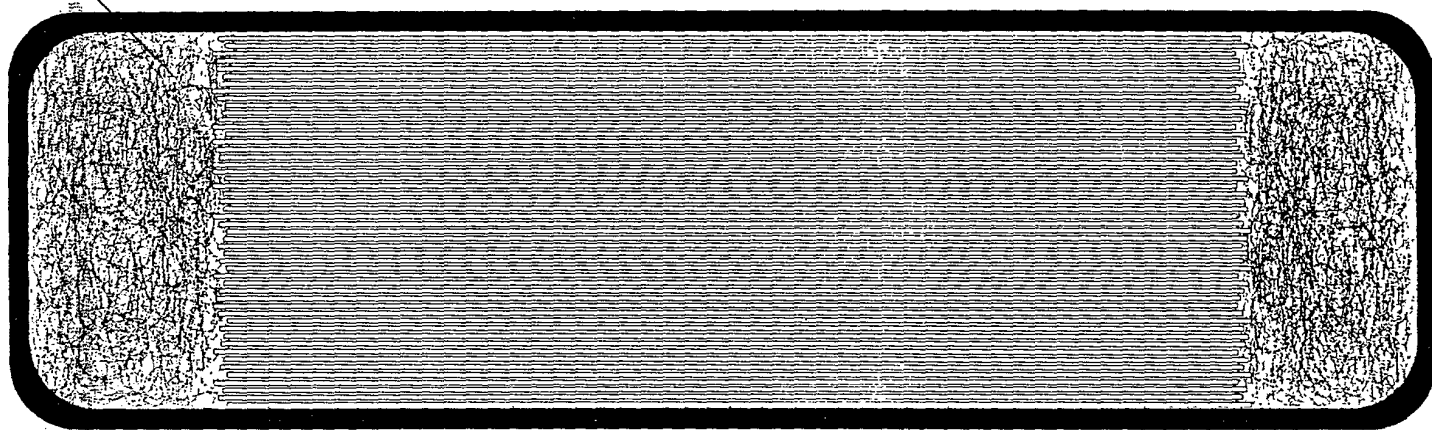


FIG. 12

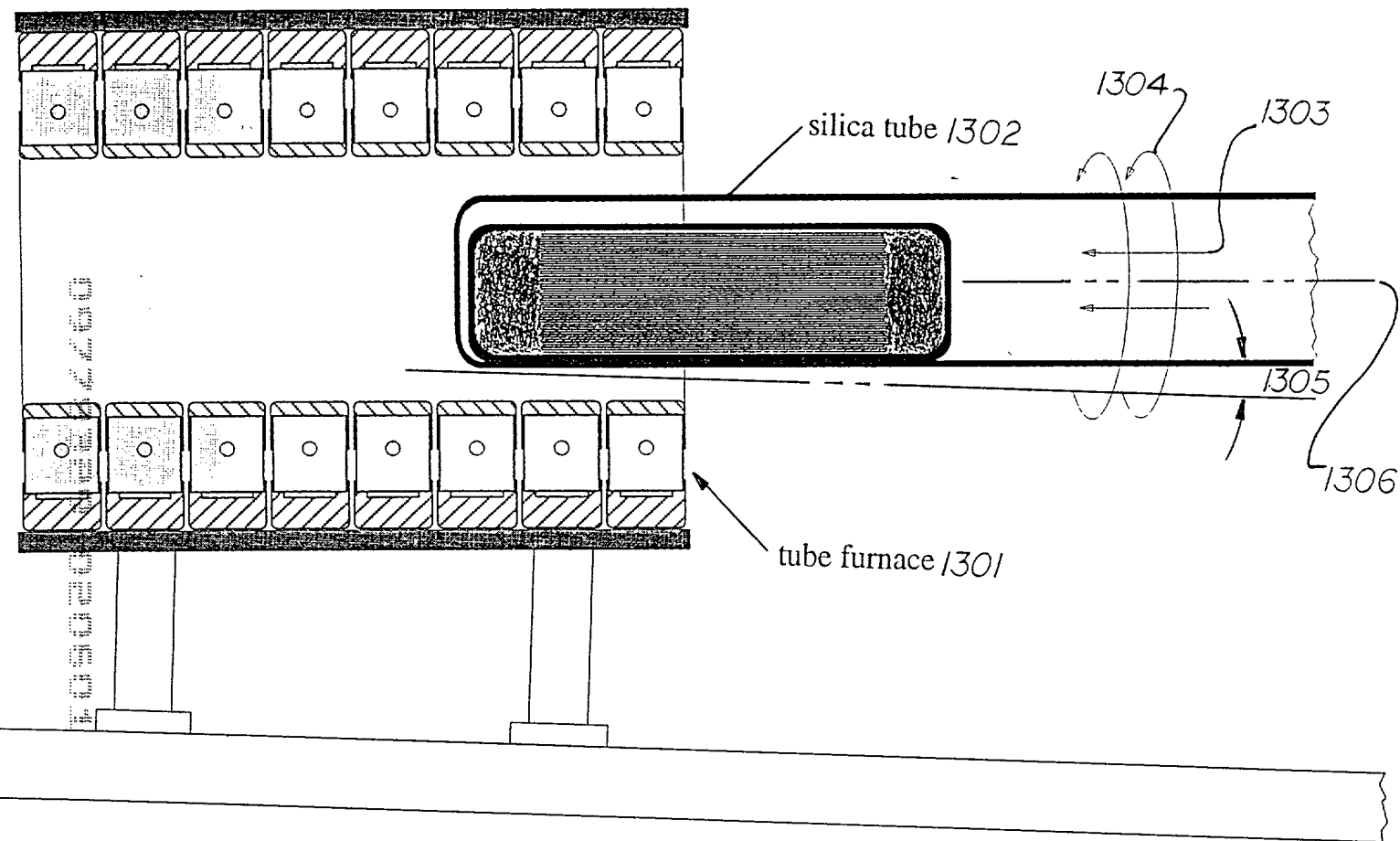


FIG. 13

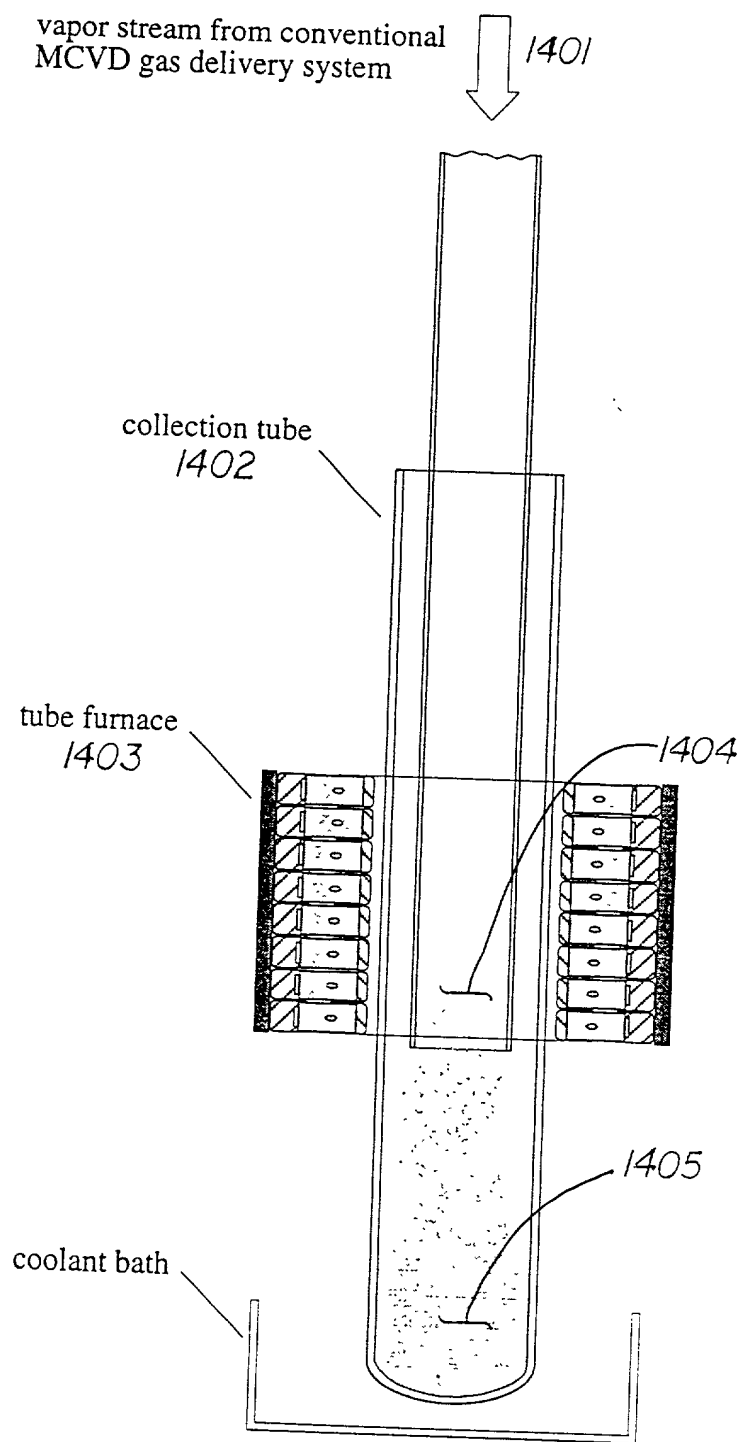


FIG. 14

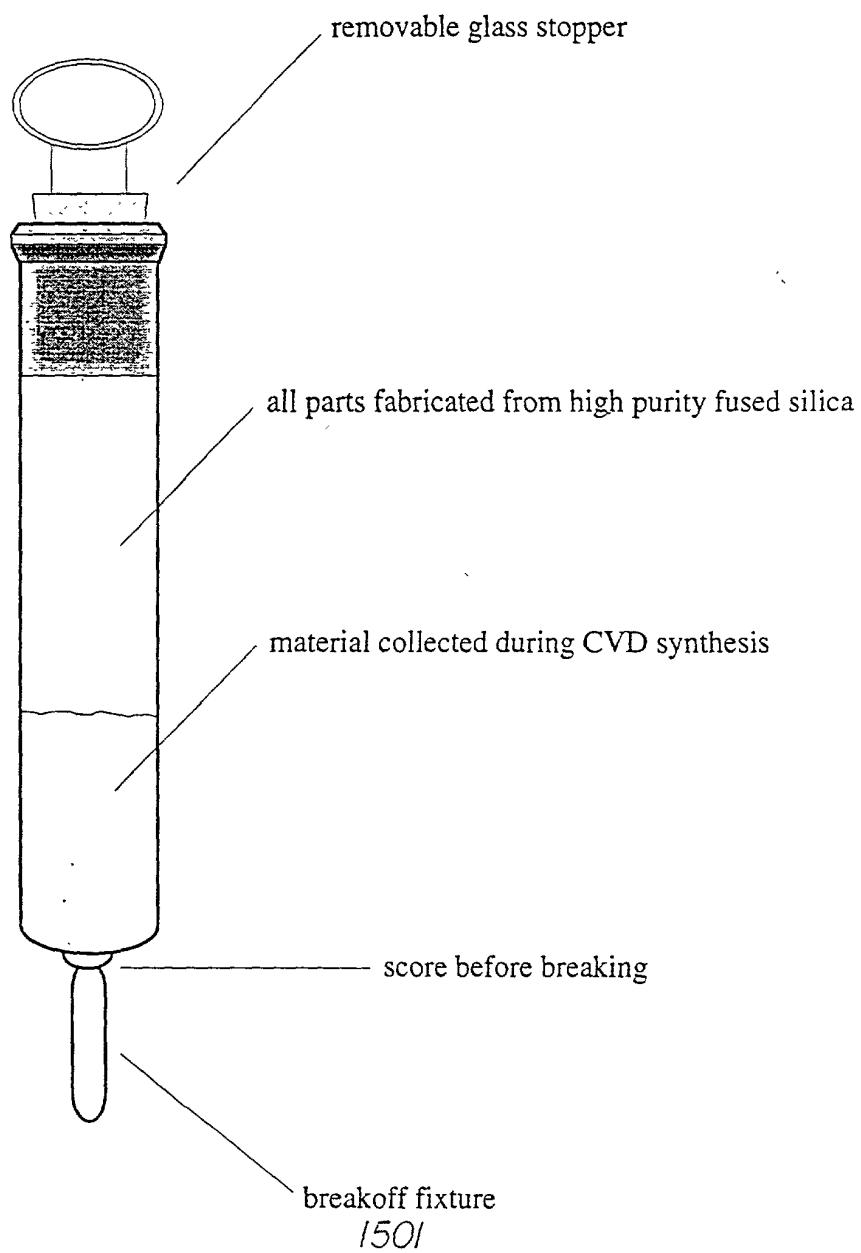


FIG. 15